

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	2000-313694	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/30 11:42
L3	21930	OISHI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/30 11:42
L4	13433	OISHI	JPO	ADJ	ON	2007/05/30 11:43
L5	1461	OISHI and "2000"	JPO	ADJ	ON	2007/05/30 11:43
S1	1	diamond near4 implantation same (low near1 resistivity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 07:49
S2	581	diamond near4 (n near1 type)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 07:51
S3	2	"2000313694"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 08:09
S4	73	(n-type or n near1 type) semiconductor diamond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 08:40

## EAST Search History

S5	48	S4 and @prad<"20031029"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 13:14
S6	16	S5 and (lithium or Li) and (nitrogen or N)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 10:34
S7	1	S6 and (ion-implantation or ion near1 implant\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 08:47
S8	73	(n-type or n near1 type) semiconductor diamond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 10:34
S9	48	S8 and @prad<"20031029"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 10:34
S10	48	S9 and (nitrogen or N)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 11:00
S11	2	"5508208".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 11:00

## EAST Search History

S12	10	("4571447"   "4778561"   "5001452"   "5099296"   "5250149"   "5306529").PN. OR ("5508208"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 11:04
S13	3	(low adj resistiv\$4) near1 (n-type) near2 diamond	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 13:13
S14	127	(lithium with diamond) and (nitrogen with diamond)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:14
S15	35	S14 and @prad<"20031029"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 13:50
S16	10	("4571447"   "4778561"   "5001452"   "5099296"   "5250149"   "5306529").PN. OR ("5508208"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 13:21
S17	53324	diamond with lithium azide	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/21 13:22
S18	0	diamond with "lithium adj azide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:22
S19	0	"lithium adj azide" with diamond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:36
S20	314	257/e23.111.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:42

## EAST Search History

S21	0	S14 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:37
S22	722	438/105.ccls. or 438/528.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:45
S23	2	257/e21.005	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:46
S24	7	257/e21.005.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:46
S25	29	257/e21.043.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:47
S26	0	257/e21.049.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:47
S27	6	257/e21.182.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:47

## EAST Search History

S28	0	257/e21.344.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:48
S29	154	257/e21.603.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:48
S30	0	257/e21.604.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:49
S31	12	257/e21.699.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:49
S32	1216	S20 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:50
S33	11	S32 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 13:50
S34	6	S33 and @prad<"20031029"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 15:59

## EAST Search History

S35	0	diamond and "lithium adj azide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/21 16:00
S36	522	diamond with lithium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:01
S37	2083	diamond with nitrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:01
S38	127	S36 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:02
S39	0	S38 and (ion-impantation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:02
S40	0	S38 and (ion adj impantation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:02
S41	31	S38 and (ion adj implant\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/21 16:04

## EAST Search History

S42	5	((("5,792,256") or ("6,447,851") or ("20030155654") or ("20020127405") or ("6,340,393"))). PN.	US-PGPUB; USPAT	OR	OFF	2007/02/21 16:05
S43	0	("6352884").URPN.	USPAT	OR	ON	2007/02/21 16:10
S44	0	("6352884").URPN.	USPAT	OR	ON	2007/02/21 16:10
S45	1	diamond with co-implantation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 12:24
S46	11289	dlc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 12:23
S47	17771	(dlc or diamond like carbon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 13:05
S48	2	S47 and co-implantation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 13:06
S49	17777	(dlc or (diamond near1 like carbon))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 13:05
S50	2	S49 and co-implantation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 13:06

## EAST Search History

S51	4	S49 and (co-implantat\$4 or dual near1 implant\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 13:34
S52	4499	diamond near carbon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:02
S53	1318	S52 and semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:02
S54	35	S53 and implant\$5 same (lithium or Li) and (nitrogen or N)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:02
S55	25	S53 and implant\$5 with (lithium or Li) and (nitrogen or N)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 13:49
S56	4	(diamond near lithium and nitrogen).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 13:50
S57	0	(diamond near lithium near nitrogen).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 13:50



## EAST Search History

S58	199013	diamond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:02
S59	35083	S58 and semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:02
S60	151	S59 and implant\$5 same (lithium or Li) and (nitrogen or N)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:13
S61	1	(codoping) and nitrogen near3 lithium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:16
S62	1	((codoping) or co near implant\$5 or dual near implant) and nitrogen near3 lithium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:17
S63	0	("2005/0170971").URPN.	USPAT	OR	ON	2007/02/26 14:17
S64	0	("2005/0170971").URPN.	USPAT	OR	ON	2007/02/26 14:18
S65	1292	(codop\$3 or dual near1 dop\$3 or dual near1 impant\$ or co near1 implant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:33
S66	0	S65 same (nitrogen near2 lithium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:33

## EAST Search History

S67	5	S65 and (nitrogen near2 lithium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 14:34
S68	5	S65 and ((nitrogen near2 lithium) or lithium near1 azide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/26 15:21
S69	2	implanted (nitrogen and lithium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 15:35
S70	1	"10541184"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/30 11:42
S71	83642	pressure and diamond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 15:57
S72	6819	S71 and annealing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 15:57
S73	19	S72 and post-implantation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/02/26 15:57